



B  
JLW

**PATENT APPLICATION**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Attn: OIPE

Nobuaki HASHIMOTO

Application No.: 09/856,627

Docket No.: 109609

Filed: May 24, 2001

For: INTERCONNECT SUBSTRATE, SEMICONDUCTOR DEVICE, METHODS OF FABRICATING, INSPECTING, AND MOUNTING THE SEMICONDUCTOR DEVICE, CIRCUIT BOARD, AND ELECTRONIC INSTRUMENT

**REQUEST TO CORRECT LIST OF REFERENCES CITED**

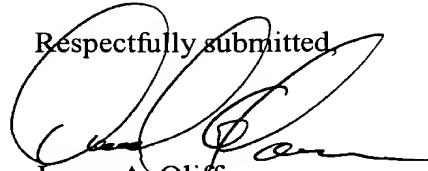
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

A final review of this application pursuant to paying the Issue Fee revealed that a prior art reference, U.S. Patent No. 5,117,282 to Salatino which was applied to reject certain claims in the above-identified application in a Non-Final Rejection issued on May 9, 2002 (see attached page 3 from the Office Action), was listed on the Form PTO-892 which accompanied that Office Action as U.S. Patent No. 5,111,282 to Salatino (see attached copy of Form PTO-892).

As the Issue Fee has now been paid, Applicant respectfully requests that this reference be correctly listed on the face of the patent when it issues. Further, Applicant respectfully requests a corrected Form PTO-892 be issued in order that Applicant has a complete record of the correct references applied in this matter.

Should any questions arise regarding this communication, the Patent Office is respectfully requested to direct any inquiries to Applicant's undersigned representative at the telephone number set forth below.

Respectfully submitted,  
  
James A. Oliff  
Registration No. 27,075

Daniel A. Tanner, III  
Registration No. 54,734

JAO:DAT/fpw

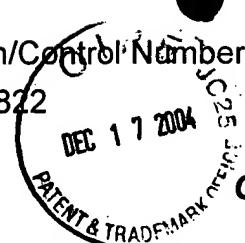
Attachments:

Copy of Page 3 of Office Action  
Copy of Form PTO-892

Date: December 17, 2004

**OLIFF & BERRIDGE, PLC**  
**P.O. Box 19928**  
**Alexandria, Virginia 22320**  
**Telephone: (703) 836-6400**

DEPOSIT ACCOUNT USE  
AUTHORIZATION  
Please grant any extension  
necessary for entry;  
Charge any fee due to our  
Deposit Account No. 15-0461

**Claim Rejections - 35 USC § 103**

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

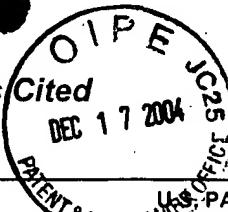
(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1-20 are rejected under 35 U.S.C. 103(a) as being unpatentable over

**[Redacted] Salatino (5,117,282).**

As best understood, Salatino teaches an interconnect substrate **61** over which an interconnect pattern is formed, comprising: a first portion **21-**; and a second portion **22-** to be superposed on the first portion, wherein the first portion has an end part as a positioning reference; wherein the second portion has a shape so as to be superposed on the first portion except the end part **25**; the end part as the positioning reference includes two edges that are perpendicular to each other; the first portion comprises a rectangular body section and a projected section **111** which extends from at least one edge of the body section and includes the end part (Figures 1-5); the projected section is a region determined by: an edge which is a boundary between the projected section and the body section; a first edge which is perpendicular to the edge as a boundary; and a second top edge which is parallel to the edge as a boundary, wherein the end part as a positioning reference includes the first and second edges; the body section **27** of the first portion includes an edge having no projected section; and wherein the second portion is disposed adjacent to the edge having no projected section; the second portion has a depressed section **24** facing the projected section of the first

<b>Notice of References Cited</b>		Application/Control No. 09/856,627	Applicant(s)/Patent Under Reexamination HASHIMOTO
		Examiner Ida M Soward	Art Unit 2822
		Page 1 of 1	



U.S. PATENT DOCUMENTS

*	Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
A	US-5,111,282 /	05-1992	Salatinov	257/686
B	US-6,376,352 B1 /	04-2002	Arnold et al.	438/612
C	US-6,057,594 /	05-2000	Chia et al.	257/668
D	US-6,069,026 /	05-2000	Terrill et al.	438/109
E	US-5,646,068 /	07-1997	Wilson et al.	438/108
F	US-			
G	US-			
H	US-			
I	US-			
J	US-			
K	US-			
L	US-			
M	US-			

FOREIGN PATENT DOCUMENTS

*	Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
N					
O					
P					
Q					
R					
S					
T					

NON-PATENT DOCUMENTS

*	Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)		
U			
V			
W			
X			

\*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)  
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.